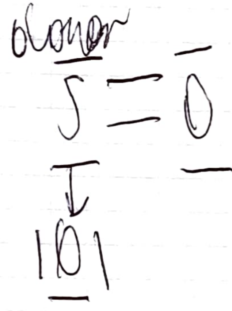
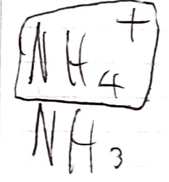


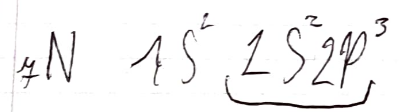
SO_2



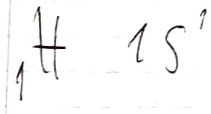




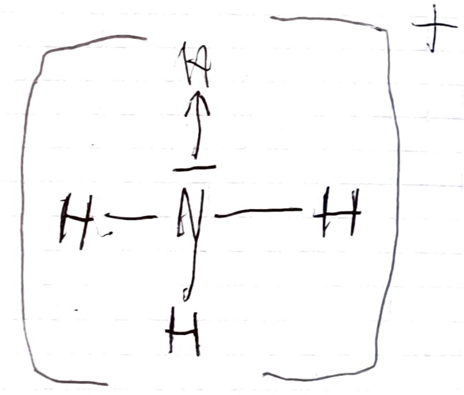
NH_3



$_7N$ $1s^2$ $2s^2 2p^3$



$_1H$ $1s^1$



N - donor

H - akceptor

zad. 1

określ rodzaj wiązania występującego w atomach

oprócz wiąż. par wiążących i nie wiążących

a) H_2S niemetal + niemetal $E_H = 2,1$ $E_S = 2,5$ $E = 0,4$

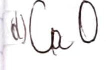
w. kowalencyjne spolaryzowane



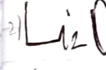
b) CO_2



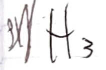
c) NH_3



d) CaO



e) Li_2O



f) NH_3

b) niemetal + niemetal $E_C = 2,6$ $E_O = 3,4$ $E = 0,8$

w. kowalencyjne spolaryzowane

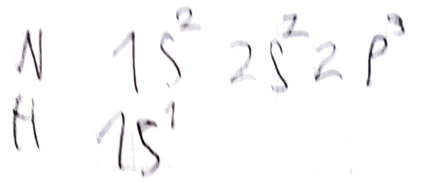
c)

d) metal + niemetal $E_{Ca} = 1,0$ $E_O = 2,6$



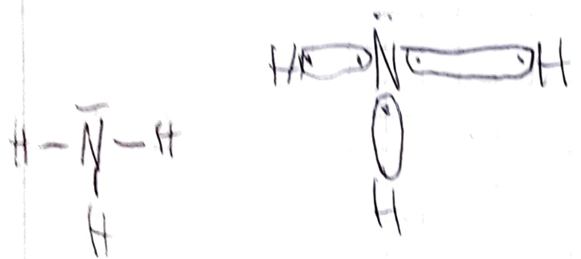
Narysuj wzory elektronowe i ustal rodzaj wiązań

NH_3 w. kowalencyjne / kowalencyjne spolaryzowane



N $1s^2 2s^2 2p^3$

H $1s^1$



H — N̄ — H
|
H

brak wolnej dobrowego

R

N_2